|          | Type | Hits | Search Text   | DBs                         | Time Stamp       |
|----------|------|------|---|-----------------------------|------------------|
| _        | BRS  | 33   | rosencwaig in.  | USPAT                       | 2002/06/24 10:01 |
| 2        | BRS  | 25   | rosencwaig.in. and semiconductor  | USPAT                       | 2002/06/24 10:02 |
| <u>س</u> | BRS  | 8    | (rosencwaig.in. and semiconductor) and gas\$5   | USPAT                       | 2002/06/24 09:48 |
| 4        | BRS  | 0    | ((rosencwaig.in. and semiconductor) and gas\$5) and microwave   | USPAT                       | 2002/06/24 09:49 |
| S        | BRS  | 0    | ((rosencwaig in. and semiconductor) and gas\$5) and (reduce adj thickness)  | USPAT                       | 2002/06/24 09:49 |
| 9        | BRS  | 7    | ((rosencwaig.in. and semiconductor) and gas\$5) and (thickness)   | USPAT                       | 2002/06/24 10:02 |
| 7        | BRS  | 4    | (((rosencwaig.in. and semiconductor) and gas\$5) and (thickness)) and (probe adj beam)  | USPAT                       | 2002/06/24 10:02 |
| <b>∞</b> | BRS  | 50   | rosencwaig.in. or opsal.in.   | USPAT                       | 2002/06/24 10:01 |
| 6        | BRS  | 4    | (((rosencwaig.in. and semiconductor) and gas\$5) and (thickness)) and (thickness and (probe adj beam))                                  | USPAT                       | 2002/06/24 10:03 |
| 10       | BRS  | 30   | ((rosencwaig.in. or opsal.in.) and semiconductor) and (thickness and (probe adj beam))  | USPAT                       | 2002/06/24 10:03 |
| 11       | BRS  | 8    | (((rosencwaig.in. or opsal.in.) and semiconductor) and (thickness and (probe adj beam))) and gas\$4                                     | USPAT                       | 2002/06/24 14:43 |
| 12       | BRS  | 5488 | semiconductor and wafer and microwave   | USPAT; EPO; JPO;<br>DERWENT | 2002/06/24 14:43 |
| 13       | BRS  | 20   | (semiconductor and wafer and microwave) and (thickness and (probe adj beam))  | USPAT; BPO; JPO;<br>DERWENT | 2002/06/24 17:16 |
| 14       | BRS  | 40   | (rosencwaig.in. or opsal.in.) and semiconductor   | USPAT                       | 2002/06/24 16:34 |
| 15       | BRS  | 36   | ((rosencwaig.in. or opsal.in.) and semiconductor) and (probe adj beam)  | USPAT                       | 2002/06/30 19:29 |
| 16       | IS&R | 7    | (("5798837") or ("5449411") or ("5439596") or<br>("5306671") or ("5261965") or ("5049816") or<br>("3887392")).PN.                       | USPAT                       | 2004/10/19 17:16 |
| 17       | BRS  | 9    | ((("5798837") or ("5449411") or ("5439596") or ("5306671") or ("5261965") or ("5049816") or ("3887392")).PN.) and microwave             | USPAT                       | 2002/06/24 17:29 |
| 18       | BRS  | 5    | ((("5798837") or ("5449411") or ("5439596") or ("5306671") or ("5261965") or ("5049816") or ("3887392")).PN.) and microwave) and gas\$5 | USPAT                       | 2002/06/24 17:30 |
| 19       | BRS  | 13   | spectrophotometer and ellipsometer and (probe adj beam)   | USPAT; EPO; JPO;<br>DERWENT | 2003/09/04 16:13 |
| 20       | BRS  |      | (spectrophotometer and ellipsometer and (probe adj beam)) and cleaning  | USPAT; EPO; JPO;<br>DERWENT | 2002/06/30 19:32 |
| 21       | BRS  |      | ellipsometer and (probe adj beam)   | USPAT; EPO; JPO;<br>DERWENT | 2002/06/30 19:32 |

|    | Type | Hits | Search Text   | DBs                         | Time Stamp       |
|----|------|------|---|-----------------------------|------------------|
| 22 | BRS  | 5    | (ellipsometer and (probe adj beam)) and cleaning  | USPAT; EPO; JPO;<br>DERWENT | 2002/06/30 19:32 |
| 23 | BRS  | 30   | (rotating adj compensator) and (rotating adj analyzer)  |                             | 2002/06/30 19:51 |
| 24 | BRS  | 12   | ((rotating adj compensator) and (rotating adj analyzer)) and (probe adj beam)   | USPAT; EPO; JPO;<br>DERWENT | 2002/12/15 20:33 |
| 25 | BRS  | 6    | (carbon adj dioxide adj pellets) and semiconductor and wafer  | USPAT; EPO; JPO;<br>DERWENT | 2002/07/01 03:08 |
| 26 | IS&R |      | ("5261965").PN.   | USPAT                       | 2002/07/01 04:29 |
| 27 | BRS  | -    | (("5261965"). PN.) and microwave  | USPAT                       | 2002/07/01 03:17 |
| 28 | BRS  | 1    | ((("5261965").PN.) and microwave) and heat  | USPAT                       | 2002/07/01 03:17 |
| 29 | BRS  | 1    | 5261965.pn. and vacuum  | USPAT                       | 2002/07/01 05:13 |
| 30 | BRS  | 1    | 5798837.pn. and polychromatic   | USPAT                       | 2002/07/01 05:14 |
| 31 | BRS  | 1    | 5798837.pn. and uv  | USPAT                       | 2004/10/28 16:55 |
| 32 | BRS  | 0    | ((rotating adj compensator) and (rotating adj analyzer)) and (probe adj beam) and transport                                 | USPAT; EPO; JPO;<br>DERWENT | 2002/12/15 20:34 |
| 33 | BRS  | 1927 | 356/237.2-237.5,369,432.ccls.   | USPAT                       | 2003/09/04 16:02 |
| 34 | BRS  | 1391 | 356/237.2-237.5,369,432.ccls. and @ad<19980928  | USPAT                       | 2003/09/04 16:04 |
| 35 | BRS  | 95   | (356/237.2-237.5,369,432.ccls. and @ad<19980928) and cleaning   | USPAT                       | 2003/09/04 16:04 |
| 36 | BRS  | 0    | ((356/237.2-237.5,369,432.ccls. and @ad<19980928) and cleaning) AND spectrophotometer and ellipsometer and (probe adj beam) | USPAT; BPO; JPO;<br>DERWENT | 2003/09/04 16:14 |
| 37 | BRS  | 2    | ((356/237.2-237.5,369,432.ccls. and @ad<19980928) and cleaning) AND spectrophotometer and (probe adj USPAT beam)            | USPAT                       | 2003/09/04 16:14 |
| 38 | BRS  | 3    | ((356/237.2-237.5,369,432.ccls. and @ad<19980928) and cleaning) and (probe adj beam)  | USPAT                       | 2004/10/28 18:11 |
| 39 | IS&R | 2    | (("5798837") or ("5261965")).PN.  | USPAT                       | 2004/07/23 08:12 |
| 40 | BRS  | 2    | (optical adj inspection adj system) and (cleaning adj system)   | USPAT; US-PGPUB             | 2004/07/23 09:17 |
| 41 | BRS  | 135  | (spectrophotometer or ellipsometer) and (cleaning adj system)   | USPAT; US-PGPUB             | 2004/07/23 08:19 |
| 42 | BRS  | 50   | ((spectrophotometer or ellipsometer) and (cleaning adj system)) and @ad<=19980928   | USPAT; US-PGPUB             | 2004/07/23 09:17 |
| 43 | BRS  | 11   | (((spectrophotometer or ellipsometer) and (cleaning adj system)) and @ad<=19980928) and (semiconductor or wafer)            | USPAT; US-PGPUB             | 2004/10/28 15:06 |

|    | Type | Hits     | Search Text  | DBs               | Time Stamp       |
|----|------|----------|--|-------------------|------------------|
| 4  | IS&R | 1        | ("6714884") PN   | USPAT             | 2004/07/23 09:14 |
| 45 | IS&R | 0        | ("landclean\$4").PN.   | USPAT             | 2004/07/23 09:14 |
| 46 | BRS  | 1        | (("6714884").PN.) and clean\$4   | USPAT             | 2004/07/23 09:15 |
| 47 | BRS  | 0        | (optical adj inspection adj system) and (cleaning adj system)  | EPO; JPO; DERWENT | 2004/07/23 09:17 |
| 48 | BRS  | -        | ((spectrophotometer or ellipsometer) and (cleaning adj system)) and @ad<=19980928  | EPO; JPO; DERWENT | 2004/07/23 09:17 |
| 46 | BRS  | 27       | ((356/237.2-237.5,369,432.ccls. and @ad<19980928) USPAT; US-PGPUB and clean\$4) and (spectrophotometer or ellipsometer)  | USPAT; US-PGPUB   | 2004/07/23 10:00 |
| 20 | BRS  | 19       | (((356/237.2-237.5,369,432.ccls. and @ad<19980928) and clean\$4) and (spectrophotometer or ellipsometer)) and (semiconductor or wafer)   | USPAT; US-PGPUB   | 2004/07/23 10:00 |
| 21 | BRS  | 33       | ((356/237.1-237.5,369,432.ccls. and @ad<19980928) USPAT; US-PGPUB and clean\$4) and (spectrophotometer or ellipsometer)  | USPAT; US-PGPUB   | 2004/07/23 10:00 |
| 52 | BRS  | 21       | (((356/237.1-237.5,369,432.ccls. and @ad<19980928) and clean\$4) and (spectrophotometer or ellipsometer)) and (semiconductor or wafer)   | USPAT; US-PGPUB   | 2004/07/23 10:00 |
| 53 | BRS  | 2        | ((((356/237.1-237.5,369,432.ccls. and @ad<19980928) and clean\$4) and (spectrophotometer or ellipsometer)) and (semiconductor or wafer)) not ((((356/237.2-237.5,369,432.ccls. and @ad<19980928) and clean\$4) and (spectrophotometer or ellipsometer)) and (spectrophotometer or ellipsometer)) and (semiconductor or wafer)) | USPAT; US-PGPUB   | 2004/07/23 10:01 |
| 54 | IS&R | <u></u>  | (("3,887,392") or ("5,261,965") or ("5,306,671") or ("5,316,970") or ("5,439,596") or ("5,449,411") or ("5,798,837") or ("6,325,078")).PN.   | USPAT             | 2004/07/23 10:02 |
| 55 | IS&R | 6        | (("5798837") or ("5449411") or ("5439596") or ("5306671") or ("5261965") or ("5049816") or ("3887392") or ("5,316,970") or ("6,325,078")).PN.  | USPAT             | 2004/10/19 17:18 |
| 26 | BRS  | <u> </u> | ((("5798837") or ("5449411") or ("5439596") or ("5306671") or ("5261965") or ("5049816") or ("3887392") or ("5,316,970") or ("6,325,078")).PN.) and clean  | USPAT             | 2004/10/19 17:18 |

| Time Stamp  | B 2004/10/28 16:58  | 2004/10/28 15:52  | 2004/10/28 15:53      | 2004/10/28 15:53  | 2004/10/28 16:56   | 2004/10/28 16:56                                 | 2004/10/28 16:58                          | 2004/10/28 16:58                           | 2004/10/28 17:00       | B 2004/10/28 17:00  | B 2004/10/28 18:12                                |
|-------------|---|---|-----------------------|---|--|--|---|--|------------------------|---|---|
| DBs         | USPAT; US-PGPUB   | USPAT   | USPAT                 | USPAT   | USPAT  | USPAT  | USPAT                                     | USPAT                                      | USPAT                  | USPAT; US-PGPU  | UISPAT: IIS-PGPIB                                 |
| Search Text | (((spectrophotometer or ellipsometer or microscope or spectrometer) and (cleaning adj system)) and (@ad<=19980928) and (semiconductor or wafer) | (("6038015") or ("5825470") or ("5652657") or ("5578821") or ("4665315")).PN. | ("41andclean\$3").PN. | (("6038015") or ("5825470") or ("5652657") or ("5578821") or ("4665315")).PN.) and clean\$3 | (5798837.pn. or 5261965.pn.) and clean\$3 and UV and microwave | (5798837.pn. or 5261965.pn.) and clean\$3 and UV | (5798837.pn. or 5261965.pn.) and clean\$3 | (5798837.pn. and 5261965.pn.) and clean\$3 | ("40andmicrowave").PN. | ((((spectrophotometer or ellipsometer or microscope or spectrometer) and (cleaning adj system)) and (@ad<=19980928) and (semiconductor or wafer)) and microwave | ((356/237.2-237.5,369,432.ccls. and @ad<19980928) |
| Hits        | 99  | 5   | 0                     | 5   | 0  | 0  | -   | 0  | 0                      | 4   | 7   |
| Type        | BRS   | IS&R  | IS&R                  | BRS   | BRS  | BRS  | BRS                                       | BRS  | IS&R                   | BRS   | BRS   |